(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International publication date
13 May 2004 (13.05.2004)

PCT

(10) International publication number

WO 2004/039615 A1

(51) International patent classification⁷:

B60H 1/00

(21) International application number:

PCT/EP2003/009585

(22) International filing date:

29 August 2003 (29.08.2003)

(25) Language of filing:

German

(26) Language of publication:

German

(30) Data relating to the priority:

102 51 166.7

31 October 2002 (31.10.2002) DE

(71) Applicant (for all designated States except US): BEHR

GMBH & CO. [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).

(72) Inventors; and

(75) Inventors/Applicants (US only): DIEKSANDER, Wolfgang [DE/DE]; Oberdorfstrasse 18-1, 70794 Filderstadt (DE). KOUKOURAVAS, Evripidis [GR/DE]; Teckstrasse 6, 72654 Neckartenzlingen (DE).

(74) Joint Representative: BEHR GMBH & CO.; Mauserstrasse 3, 70469 Stuttgart (DE).

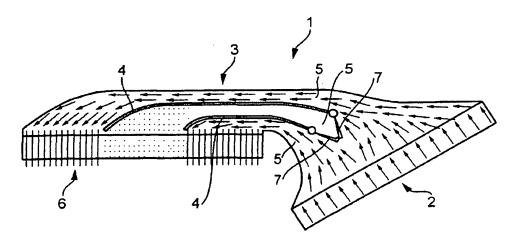
(81) Designated states (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[continued on next page]

As printed

(54) Title: DEVICE FOR CONTROLLING AIR SUPPLY, IN PARTICULAR TO AN EVAPORATOR WITH ACCUMULATING FUNCTION ARRANGED IN A MOTOR VEHICLE

(54) Bezeichnung: VORRICHTUNG ZUR REGELUNG DER LUFTZUFUHR, INSBESONDERE ZU EINEM VERDAMPFER MIT SPEICHERFUNKTION EINES KRAFTFAHRZEUGES



(57) Abstract: The invention relates to a device for controlling the air supply to an evaporator (6) with accumulating function arranged in a motor vehicle, said air coming from a filter (2) and is transported to the evaporator through a channel (3). Said channel (3) consists of three laterals (5) separated from each other by walls (4) extending in a longitudinal direction. The inventive device (1) comprises, in particular two flaps.

(57) Zusammenfassung: Die Erfindung betrifft eine Vorrichtung zur Regelung der Luftzufuhr, welche die von einem Filter (2) kommende Luft durch einen Kanal (3) zu einem Verdampfer (6) mit Speicherfunktion eines Kraftfahrzeuges regelt, wobei der Kanal (3) drei voneinander durch in Längsrichtung verlaufende Wände (4) getrennte Kanalzweige (5) aufweist. Dabei weist die Vorrichtung (1) insbesondere zwei Klappen (7) auf.

004/039615 A